

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:
3100-0003

SERIAL NO.:
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

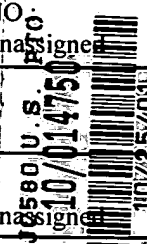
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT:
Jenny LOUIE-HELM et al.

FILING DATE:
Concurrently herewith

GROUP:
Unassigned



U.S. PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BF	AA	3,960,150	6/1/76	Hussain et al.			
BF	AB	4,695,467	9/22/87	Uemura et al.			
BF	AC	5,002,772	3/26/91	Curatolo et al.			
BF	AD	5,007,790	4/16/91	Shell			
BF	AE	5,425,950	6/20/95	Dandiker et al.			
BF	AF	5,582,837	10/10/96	Shell			
BF	AG	5,635,210	6/3/97	Allen, Jr. et al.			
BF	AH	5,738,874	4/14/98	Conte et al.			
BF	AI	5,783,212	7/21/98	Fassihi et al.			
BF	AJ	5,827,984	10/27/98	Sinnreich et al.			
BF	AK	5,840,332	11/24/98	Lerner et al.			
BF	AL	5,861,173	1/19/99	Nishioka et al.			
BF	AM	5,891,474	4/6/99	Busetti et al.			
BF	AN	5,945,125	8/31/99	Kim			
BF	AO	5,972,389	10/26/99	Shell et al.			
BF	AP	6,027,748	2/22/00	Conte et al.			
BF	AQ	6,066,337	5/23/00	Allen et al.			
BF	AR	6,093,420	7/25/00	Baichwal			
BF	AS	6,120,803	9/19/00	Wong et al.			
BF	AT	6,174,497	1/16/01	Roinestad et al.			8/21/97

EXAMINER SIGNATURE: *Blessing Fubara*

DATE CONSIDERED: *8/15/03*

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EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BF	AU	6,177,104	1/23/01	Allen et al.			7/6/98
BF	AV	6,187,337	2/13/01	Allen et al.			7/6/98
BF	AW	6,221,395	4/24/01	Maggi et al.			9/1/88

OTHER DOCUMENT — NONPATENT LITERATURE DOCUMENT

EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
	AX	Katori et al. (1995), "Estimation of Agitation Intensity in the GI Tract in Humans and Dogs Based on <i>in Vitro/in Vivo</i> Correlation," <i>Pharmaceutical Research</i> 12(2):237-243.

Not Considered → No copy in file

EXAMINER SIGNATURE:

Blessing Rubara

DATE CONSIDERED:

8/18/03

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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

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of

3

Application Number

10/014,750

Filing Date

October 25, 2001

First Named Inventor

Jenny LOUIE-HELM et al.

Art Unit

1615

Examiner Name

Blessing M. Fubara

Attorney Docket Number

3100-0003

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
	AY	4,434,153	2/28/84	Urquhart et al.			
	AZ	4,690,824	9/1/87	Powell et al.			
	BA	4,748,023	5/31/88	Tamás et al.			
	BB	4,786,503	11/22/88	Edgren et al.			
	BC	4,839,177	6/13/89	Colombo et al.			
	BD	4,851,232	7/25/89	Urquhart et al.			
	BE	4,865,849	9/12/89	Conte et al.			
	BF	5,064,656	11/12/91	Gergely et al.			
	BG	5,085,865	2/4/92	Nayak			
	BH	5,213,808	5/25/93	Bar-Shalom et al.			
	BI	5,232,704	8/3/93	Frañz et al.			
	BJ	5,393,765	2/28/95	Infeld et al.			
	BK	5,422,123	6/6/95	Conte et al.			
	BL	5,458,887	10/17/95	Chen et al.			
	BM	5,458,888	10/17/95	Chen			
	BN	5,464,633	11/7/95	Conte et al.			
	BO	5,472,708	12/5/95	Chen			
	BP	5,487,901	1/30/96	Conte et al.			
	BQ	5,508,040	4/16/96	Chen			
	BR	5,549,913	8/27/96	Colombo et al.			
	BS	5,609,590	3/11/97	Herbig et al.			
	BT	5,626,874	5/6/97	Conte et al.			
	BU	5,650,169	7/22/97	Conte et al.			
	BV	5,651,985	7/29/97	Penners et al.			
	BW	5,681,583	10/28/97	Conte et al.			
	BX	5,688,776	11/18/97	Bauer et al.			
	BY	5,736,159	4/7/98	Chen et al.			
	BZ	5,780,057	7/14/98	Conte et al.			
	CA	5,811,126	9/22/98	Krishnamurthy			
	CB	5,837,379	11/17/98	Chen et al.			
	CC	5,840,329	11/24/98	Bai			
	CD	5,897,874	4/27/99	Stevens et al.			
	CE	5,916,595	6/29/99	Chen et al.			
	CF	6,033,685	3/7/00	Qiu et al.			
	CG	6,207,197	3/27/01	Illum et al.			
	CH	6,261,601	7/17/01	Talwar et al.			
	CI	6,340,475	01/22/02	Shell et al.			
	CJ	6,368,628	4/9/02	Seth			5/26/00
	CK	6,451,808	9/17/02	Cowles			10/17/00
	CL	6,488,962	12/3/02	Berner et al.			6/20/00

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Application Number	10/014,750
Filing Date	October 25, 2001
First Named Inventor	Jenny LOUIE-HELM
Art Unit	1615
Examiner Name	Blessing M. Fubara
Attorney Docket Number	3100-0003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

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CM	2001/0018070	8/30/01	Shell et al.			
CN	Serial No. 09/425,491		Shell et al.			10/22/99
CO	Serial No. 10/029,134		Gusler et al.			10/25/01
CP	Serial No. 10/045,823		Shell et al.			11/6/01
CQ	Serial No. 10/066,146		Lim et al.			2/1/02
CR	Serial No. 10/152,914		Fara et al.			5/20/02
CS	Serial No. 10/280,309		Berner et al.			10/25/02
CT	Serial No. 10/280,852		Devane et al.			10/25/02

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
	CU	EP 0598309 B1	1/28/98	Europe			
	CV	EP 0795324 A2	9/17/97	Europe			
	CW	GB 1330829	9/19/73	United Kingdom			
	CX	WO 96/32097 A1	10/17/96	PCT			
	CY	WO 98/55107 A1	12/10/98	PCT			
	CZ	WO 00/23045 A1	4/27/00	PCT			
	DA	WO 00/38650 A1	7/6/00	PCT			
	DB	WO 01/32217 A3	5/10/01	PCT			
	DC	WO 01/56544 A3	8/9/01	PCT			
	DD	WO 01/97783 A1	12/27/01	PCT			
	DE	WO 02/083687 A1	10/24/02	PCT			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	DF	Abrahamsson, et al. (1993), "Absorption, Gastrointestinal Transit, and Tablet Erosion of Felodipine Extended-Release (ER) Tablets," <i>Pharmaceutical Research</i> 10(5):709-714.	
	DG	Apicella et al. (1993), "Poly(ethylene oxide) (PEO) and Different Molecular Weight PEO Blends Monolithic Devices for Drug Release," <i>Biomaterials</i> 14(2):83-90.	
	DH	Baumgartner et al. (2000), "Optimisation of Floating Matrix Tablets and Evaluation of Their Gastric Residence Time," <i>International Journal of Pharmaceutics</i> 195:125-135.	
	DI	Bettini et al. (1994), "Swelling and Drug Release in Hydrogel Matrices: Polymer Viscosity and Matrix Porosity Effects," <i>European Journal of Pharmaceutical Sciences</i> 2:213-219.	
	DJ	Chen et al. (2000), "Gastric Retention Properties of Superporous Hydrogel Composites," <i>Journal of Controlled Release</i> 64:39-51.	
	DK	Columbo et al. (1990), "Drug Release Modulation by Physical Restrictions of Matrix Swelling," <i>International Journal of Pharmaceutics</i> 63:43-48.	
	DL	Davis et al. (1986), "The Effect of Density on the Gastric Emptying of Single- and Multiple-Unit Dosage Forms," <i>Pharmaceutical Research</i> 3(4):208-213.	
	DM	Deshpande et al. (1997), "Development of a Novel Controlled-Release System for Gastric Retention," <i>Pharmaceutical Research</i> 14(6):815-819.	
	DN	Ford et al. (1987), "Importance of Drug Type, Tablet Shape and Added Diluents on Drug Release Kinetics from Hydroxypropylmethylcellulose Matrix Tablets," <i>International Journal of Pharmaceutics</i> 40:223-234.	

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OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	DO	Gao et al. (1996), "Swelling of Hydroxypropyl Methylcellulose Matrix Tablets. 2. Mechanistic Study of the Influence of Formulation Variables on Matrix Performance and Drug Release," <i>Journal of Pharmaceutical Sciences</i> 85(7):732-740.	
	DP	Hwang et al. (1998), "Gastric Retentive Drug-Delivery Systems," <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> 15(3):243-284.	
	DQ	Ju et al. (1995), "Drug Release from Hydrophilic Matrices. 1. New Scaling Laws for Predicting Polymer and Drug Release Based on the Polymer Disentanglement Concentration and the Diffusion Layer," <i>Journal of Pharmaceutical Sciences</i> 84(12):1455-1463.	
	DR	Ju et al. (1995), "Drug Release from Hydrophilic Matrices. 2. A Mathematical Model Based on the Polymer Disentanglement Concentration and the Diffusion Layer," <i>Journal of Pharmaceutical Sciences</i> 84(12):1464-1477.	
	DS	Kaniwa et al. (1983), "The Bioavailability of Flufenamic Acid and Its Dissolution Rate from Capsules," <i>International Journal of Clinical Pharmacology, Therapy and Toxicology</i> 21(2):56-63.	
	DT	Kim (1995), "Drug Release from Compressed Hydrophilic POLYOX-WSR Tablets," <i>Journal of Pharmaceutical Sciences</i> 84(3):303-306.	
	DU	Lapidus et al. (1966), "Some Factors Affecting the Release of a Water-Soluble Drug from a Compressed Hydrophilic Matrix," <i>Journal of Pharmaceutical Sciences</i> 55(8):840-843.	
	DV	Lapidus et al. (1968), "Drug Release from Compressed Hydrophilic Matrices," <i>Journal of Pharmaceutical Sciences</i> 57(8):1292-1301.	
	DW	Maggi et al. (2000), "High Molecular Weight Polyethylene Oxides (PEOs) as an Alternative to HPMC in Controlled Release Dosage Forms," <i>International Journal of Pharmaceutics</i> 195:229-238.	
	DX	Maggi et al. (2000), "Highly Swellable Multi-Layer Tablets to Prolong the Residence Time of the Delivery in the Stomach," <i>Journal of Controlled Release</i> 64:269-347.	
	DY	Oth et al. (1992), "The Bilayer Floating Capsule: A Stomach-Directed Drug Delivery System for Misoprostol," <i>Pharmaceutical Research</i> 9(3):298-302.	
	DZ	Rao et al. (1988), "Swelling Controlled-Release Systems: Recent Developments and Applications," <i>International Journal of Pharmaceutics</i> 48:1-13.	
	EA	Reynolds et al. (1998), "Polymer Erosion and Drug Release Characterization of Hydroxypropyl Methylcellulose Matrices" <i>Journal of Pharmaceutical Sciences</i> 87(9):1115-1123.	
	EB	Shameem et al. (1995), "Oral Solid Controlled Release Dosage Forms: Role of GI-Mechanical Destructive Forces and Colonic Release in Drug Absorption Under Fasted and Fed Conditions in Humans," <i>Pharmaceutical Research</i> 12(7):1049-1054.	
	EC	Siepmann et al. (1999) "HPMC Matrices for Controlled Drug Delivery: A New Model Combining Diffusion, Swelling, and Dissolution Mechanisms and Predicting the Release Kinetics" <i>Pharmaceutical Research</i> 16(11):1748-1756.	
	ED	Yang et al. (1996), "Zero-Order Release Kinetics from a Self-Correcting Floatable Asymmetric Configuration Drug Delivery System," <i>Journal of Pharmaceutical Sciences</i> 85(2):170-173.	

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